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ATGGCCGTCATGGGCCCCGGAACCCCTCCTCCTGCTACTCTCGGGGGCCCTGGCCCTGACCCAGACCTGGGCGGGTGAGTGGGGGAAACCGCTCTGGGGGAGAG
 CAAGGGGCCCCCTCCTGGGGGGGCGCAGGACCGGGGAGCGCGGGAGGAGGTGGGACAGGTCTCAGCCACTGCTGCCCCCAGGCTCCACATGAGGATTTCTATCAC
 ATCCGTGTCCCCGGCCCCGGGGAGCCCCCGCTTCATCGCCCGTGGGTACGTGGACGACACGAGTTCTGTGGGTTCTGACACAGGACGCCCGGAGCCAGAGATGGAGCCCGCGG
 CGCCGTGGATAGACGAGGAGGGGGGAGAGACAGGAGACACGGGATATGAAGGCTCCACATCAGCTGACCGAGCGAACCTGGGGACCCCTGGCGGGCTACTACAACCA
 GAGCGAGGACGGTGAGTGACCCCGCCCCGGGGCGAGGTCAACACCCCTCATCCCCCAGGACGGGCCAGGTGCCCCACAGTCTCCGGGTCCGAGATCCACCCCCGAAGCCCGCGGA
 CTCCGAGACCCCTTGTCGCCGGGAGAGGCCCCAGGCGCCTTTACCCGGTTTCATTTTCAGTTTAGGCCAAATCCCCCGGGTTGGTGGGGCGGGGGCTCGGGGACTGGGCT
 GACCGCGGGGTCGGGGCCAGGTTCTCACACCATCCAGATAATGCTATGGCTGCGACGTGGGGCGGACGGGGCTTCTCCCGGGTACCGGCAGGACGCCCTACGACGGCAAGAT
 TACATCGCCCTGAAAGAGACCTGGCTCTTGGACCGCGGGGACATGCGAGCTCAGATCACCAAGGCAAGTGGGCGGTCCATGCGGGAGAGAGGAGAGTCTACCTGG
 AGGGGGGTGGCTGGACGGCTCCGCAGATACCTGGAGAACGGGAAGGAGAGGCTGCAGCGCACGGGTACAGGGGCCCTCCCTGATCGCCTATAGATCTCCCGGGC
 TGGCCTCCACAGGAGGGGAGACAAATGGGAGCAACACTAGAAATACCCCTCCCTCTG

FIGURE 1

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ATGGCCGTCAATGGCGCCCGAACCCTCCTCCTGCTACTCTCGGGGGCCCTGGCCCTGACCCAGACCTGGGCGGGTGAGTCGGGGGAAACCCGCTCTGGGGGGAAG
 CAAAGGGCCCTCCTGGCGGGGGCGCAGGACCGGGGAGCCGCCGGAGGAGGCTCGGGCAGGTCTCAGCCACTGCTCGCCCCCAGGCTCCACATCAGGTTATTTCTTCC
 ATCCGTGTCCCGGCGCGGCGCGGAGCCCGGCTTCATCGCCGCTGGGCTAGTGGAGACACGACGATTCGTGCGGTTCGACAGCGACGCCGAGCCAGAAAGATGGAGCCCGGGG
 CGCCGTGGATAGAGCAGGAGCGGCGGAGTATTGGGACCGAGACACAGGATATGAGGCTCCACTCAGACAGTACCGAGCGAACTGGGACCCCTGCGCGGCTACTACAACCA
 GAGCGAGGACGGTGAGTGACCCCGCGGGCGGAGTCAAGACCCCTCATCCCCACGACGGGCCAGTTCGCCCAACAGTCTCCGGGTCCGAGATCCACCCGAAGCCGCGGGA
 CTCCGAGACCCTTGTCGGGAGAGGCCCGGCTTACCCGGTTTCAATTTTCACTTAGGCCAAAATCCCCCGGGTGGTCCGGGGCGGGGGCTCGGGGGACTGGGCT
 GACCGGGGGTCCGGGGCAGGTCTCACACCATCCAGATAATGTAATGGCTGCGACGTGGGGCCGACGGGGCTTCGCGGGGTACCGGCAGGACGCCCTACGACGGCAAGGAT
 TACATGCCCTGAAAGAGACCTGCGCTCTTGGACCGCGGGCGGACATGGCAGCTCAGATCACCAGCGCAAGTGGGAGCGGTCCATGCGGGGAGAGCGGAGAGTCTACCTGG
 AGGGCGGCTGCGTGGACGGCTCCGCAGATACCTGGAGAACGGGAGGAGACGCTGCAGCGCAGGGGTACCAGGGGCCACGGGGCCCTCCCTGATCGCCCTATAGATCTCCCGGGC
 TGGCTCCCAAGAGGGGAGCAATGGGACCAACTAGAAATATCACCCCTCCCTCTG

FIGURE 2

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CTAGAGAAGCCAATCAGCGTCGCCGGGTCAGAGTCTCTCCTCAGACGCCGAGATGCTGGTCTATGGCGCCCCCGAACCGTCCTC
 CTGCTGCTCTCGCGGGCCCCCTGGCCCCCTGACCGAGACCTGGGGCCGGTGAGTGGGGTTCGGGAGGGAATGGCCCTCTGCCGGGAGGAGCGAGGGGACCGCAGGGGGGGCGCAGGACCT
 GAGGAGCCCGCGCGGAGGAGGGTCGGGGCGGGTCTCAGCCCCCTCCTCACCCCCAGGCTCCCACTCCATGAGGTA^{97*}TACACCTCCGTGTCCCGCCCCCGCGGGGAGCCCCCG
 CTTCACTCAGTGGGCTACGTGGACGACACCCAGTTCGTGAGGTTCGACAGCGACCGCGGAGTCCGAG^{206*}GAGAGCCCGCGGGCGCCGTGGATAGAGCAGGAGGGGGCGGGAGTAT
 TGGGA^{259*}CCGGAACACACAGATCTA^{272*}CAAGGCCCCAGGCACAGACTG^{292*}GACCGAGAG^{302*}CCTGGCGGAACCTGGCGGGCTACTACAACAGAGCGAGGCCGGTGAGTACCCCCGGCCCCGGG
 CGAGGTACGACTCCCCCATCCCCACGTACGGGCCCGGGTCGCCCGGCTCCGAGATCCCGCCCTCCCTGAGGCCCGGGACCCCGGCCAGACCCCTCGACCCGGCGGAGAGCC
 CCAGGGCGGTTTACCGGGTTTCATTTTCAGTTAGGCCAAATCCCCCGGGTTGGTCGGGGGGGGCGGGGCTGGGGGACTGGGCTGACCGGGGGGGCGGGGCCAGGGTCTCAG
 ACCCTCAGAGCATGTA^{362**363}CGGCTGGCAGCTGGGGCGCGGACGGGGCGGCTCCTCCCGGGG^{412*}GGAG^{418**419}CCAG⁴³⁵TACATGCCCCCTGAACGAGGACCTGGCGCT
 CCTGGACCGCGCGGACACGGCGGCTCAGATCACCCAGCGCAAGTGGGAGGGCGGCGGTGAGCGCGGAGGAG^{527*}AGCGGAGAGCCCTACCTGGAGGGGCG^{539*}AGTGGTGGAGTGGTCCGCAG
 ATACC⁵⁸³TGGAGAACGGGAAGGACAAGCTGGAGCGCGCTGGTACCAGGGGCGAGTGGGGAGCCCTTCCCCATCTCGATAGCTCGGGGGGATGGCCCTCCC

FIGURE 3

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CTAGAGAAGCCAATCAGCGTCGCCGGGTCAGAGTTCTAAAGTCCCAAGCAACCAACCCGACTCAGAGTCTCTCAGACCCGAGATGCTGGTCA TGGCGCCCCGAAACCGTCTCTC

CTGCTGCTCTCGGGCGCCCTGGCCCTGACCGAGACCTGGGGCCGCTGAGTGGGGTCCGAGAGGAATGGCCCTCTGCCGGAGGAGCGAGGGACCCGACGCGCGGGGGCGCAGGACCT

GAGAGCCCGCGCGGAGGAGGTCCGGCGGGTCTCAGCCCCCTCTCAGCCCCCTCTCAGCCCCAGGCTCCCACTCCATGAGGTATTTCTACACCTCCGTGTCCCGGCCCGCGGGGAGCCCCCG

CTTCATCTCAGTGGGCTACGTGGACGACACCCAGTTCGTGAGTTCGACAGCGACGCCCGCGAGTCCGAGCAGAGGAGCCCGCGCGCTGGATAGACGAGGAGGGCGCGGAGTAT

206*

272* 302* 362**363 *369 412* *419 539* *559

TGGGACCGGGAACACACAGATCTCAAGGCCAGGCACAGACTGACCGAGAGCCCTGCGGGAACCTGCGCGGCTACTACAACAGAGCGAGGCCGCTGAGTGACCCCGCGCGGGG

CGCAGGTCACGACTCCCCATCCCCACGTACGGCCCCGGTCCGCCCGAGTCTCCGGTCCGAGATCCGCCCTCCCTGAGGCGCGGGGACCCCGCCAGACCCCTCGACCGCGGAGAGCC

CCAGGCGCGTTTACCCGGTTTCATTTTCAGTTGAGGCCAAATCCCCCGGGTTGCTCGGGCGGGGCGGGGCTCGGGGACTGGGCTGACCGCGGGGCGCGGGCCAGGGTCTCAC

ACCCCTCAGAGGATGTAAGGCTGGGACGTGGGCGCGGACGGGGCCCTCTCCCGCGGCTACCCAGTACGCTACGACGGCAAGGATTACATCGCCCTGAACGAGGACCTGGCGCT

CCTGGACCGCGCGGACACGGCGGCTCAGATCACCCAGCGCAAGTGGGAGGGCGCGCGGTGAGGCGGAGCAGCGGAGAGCCCTACCTGGAGGGCGAGTGGGTCCCGCAG

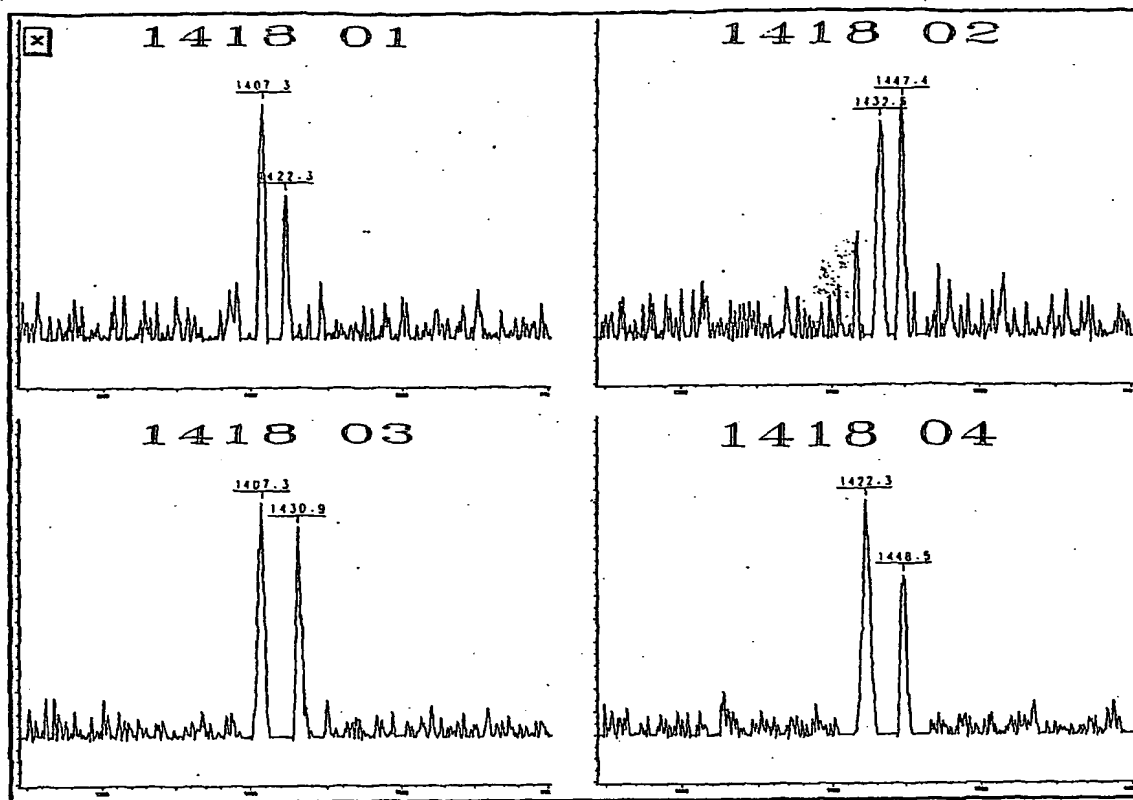
ATACCTGGAGAACGGGAAGACAAGCTGGAGCGCGCTGGTACCAGGGCGAGTGGGAGCCCTCCCATCTCTTAAGTCCGCGGGGATGCTCCCTCCC

FIGURE 4

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*125 196**197
 GAACACCCCGAGCAGCTTCTTGTGGCAGCTTAAGTATGAATGTCAATTTCTTCAATGGGACGGAGCGGGTGGCTGGAAGAATGCATCTATAACCAAGAGGAGTCCGTGC
 227* 261 286* 299* 308
 GCTTCGACAGCGACGTGGGGGAGTACCGGGCGGTGACGGAGCTGGGGCGGCCCTGATGCCGAGTACTGGAACAGCCAGAAAGGACCTCCTGGAGCAGAGCGCGGGCCCGGTGGACAC
 341* 345
 CTACTGCAGACACAACACTACGGGGTGGTGAGAGCTTCACAGTGCAGCGGCGAGGTGAGCGCGGGCGGGGCGGCTGAGTCCCTGTGAGCGGAGAA

FIGURE 5

**FIGURE 6**